

Converting Colors

YUV(115.1680, 68.9372,
-37.8583)

Have a look what the booklet for
YUV(115.1680, 68.9372, -37.8583)
contains.

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Color

**YUV(115.1680, 68.9372,
-37.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	486EFF
RGB	72, 110, 255
RGB Percent	28%, 43%, 100%
CMY	0.7176, 0.5686, 0.0000
CMYK	0.72, 0.57, 0.00, 0.00
HSL	228°, 100%, 64%
HSV	228°, 72%, 100%
XYZ	26.2984, 19.7496, 97.0337
YIQ	115.1680, -69.1930, 37.0390

Conversions

Conversions Part 2

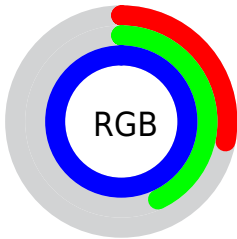
Format	Color
R _Y B	72, 103, 255
Decimal	4747007
CIE Lab	51.55, 34.64, -75.99
CIE LCh	52, 83.515, 294.502
Yxy	19.7496, 0.1838, 0.1380
Android (android.graphics.Color)	4282937087 (0xFF486EFF)
YUV	115.1680, 68.9372, -37.8583
Hunter-Lab	44.4405, 27.8595, -98.3485

Details

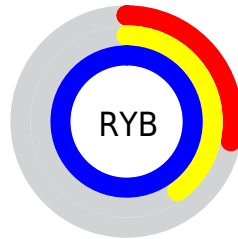
The YUV color **115.1680, 68.9372, -37.8583** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **211.8320, -68.9372, 37.8583**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0350, 43.8597, -21.0787**, and **59.4390, 67.8176, -52.1280** is the 20% darker color. If you saturate the color by 10%, you get **95.9530, 78.4102, -42.9318**, and if you desaturate by 10%, it is **134.6820, 59.3168, -32.1701**.

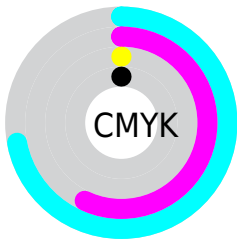
Distribution



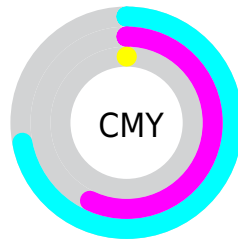
- Red (28%)
- Green (43%)
- Blue (100%)



- Red (28%)
- Yellow (40%)
- Blue (100%)



- Cyan (72%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.1680, 68.9372, -37.8583 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 115.1680, 68.9372, -37.8583 by changing the saturation by 10% instead.

■ 115.1680, 68.9372,
-37.8583

■ 115.1680, 68.9372,
-37.8583

255.0000, 0.0000,
0.0000

■ 80.1330, 71.9124,
-58.8756

■ 166.0350, 43.8597,
-21.0787

■ 59.4390, 67.8176,
-52.1280

■ 191.1530, 31.4766,
-15.9202

■ 43.9200, 61.6644,
-38.5178

■ 217.1570, 18.6566,
-10.6617

■ 30.2760, 55.0799,
-26.5521

■ 242.8620, 5.9840,
-6.0180

■ 13.1100, 50.2318,
-11.4975

■ 17.8910, 35.5497,
-15.6904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 115.1680, 68.9372,
-37.8583

■ 115.1680, 68.9372,
-37.8583

■ 95.9530, 78.4102,
-42.9318

■ 134.6820, 59.3168,
-32.1701

■ 76.4390, 88.0306,
-48.6200

■ 153.8970, 49.8438,
-27.0967

■ 60.1810, 96.0458,
-52.7787

■ 173.6990, 40.0814,
-22.5380

■ 193.2130, 30.4610,
-16.8498

■ 212.7270, 20.8406,
-11.1616

■ 231.9420, 11.3676,
-6.0881

■ 251.4560, 1.7472,
-0.3999

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



108.9020, 72.0263, -95.5071



115.1680, 68.9372, -37.8583



120.0470, 42.8678, 63.9798

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



115.1680, 68.9372, -37.8583



110.6360, -54.5435, 88.0192



100.8350, 3.0393, -88.4323

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



115.1680, 68.9372, -37.8583



211.8320, -68.9372, 37.8583

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1390, -31.6205, -78.1749



115.1680, 68.9372, -37.8583



116.2310, -57.3019, 39.2624

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



115.1680, 68.9372, -37.8583



94.0130, -12.3314, 128.9076



107.3400, -52.9186, -13.4532



110.4450, 34.7836, -96.8603

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



115.1680, 68.9372, -37.8583



99.3800, 31.3647, 113.6767



107.3400, -52.9186, -13.4532



97.3980, -7.5912, -85.4180

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



115.1680, 68.9372, -37.8583



212.4280, 20.9880, -11.7764



195.7230, 9.5036, -108.5051



101.9850, 12.8254, -7.0028



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.1680, 68.9372, -37.8583



87.3810, 82.6362, -45.0611



108.4100, 72.2689, 13.6724



117.6560, 5.0996, -2.3293



45.2540, 71.8528, -39.6878



14.9270, 24.1930, -13.0910

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



131.0490, -10.3772, 108.7050



106.6110, -12.6262, 130.1372



218.5900, -72.2689, -13.6724



119.1150, -1.0427, 7.7921



61.6690, -10.6828, 113.4233



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 115.1680, 68.9372, -37.8583 looks on a white background.

Color Contrast Check

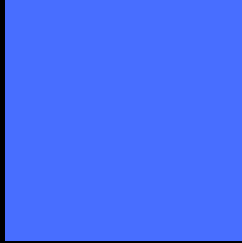
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 115.1680, 68.9372, -37.8583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

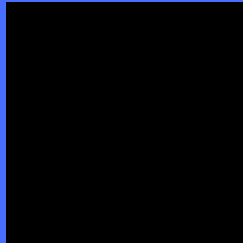
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 115.1680, 68.9372, -37.8583 Background



This preview shows how black text looks on a background with the YUV color 115.1680, 68.9372, -37.8583.



This preview shows how white text looks on a background with the YUV color 115.1680, 68.9372, -37.8583.

-37.8583.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

115.1680, 68.9372, -37.8583

Protanopia

97.0650, 74.9040, -85.1260

Deuteranopia

97.8850, 57.7377, -85.8451



Tritanopia

95.7750, 24.2679, -83.9947

Trichromacy



Original Color

115.1680, 68.9372, -37.8583

Protanomaly

103.3060, 72.8131, -67.7974

Deuteranomaly

104.4340, 61.9040, -68.7866

Tritanomaly

102.8260, 40.5118, -67.3764

Monochromacy



Original Color

115.1680, 68.9372, -37.8583

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8560, 25.2140, -13.9057

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1680, 68.9372, -37.8583 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(72, 110, 255)` looks like.

```
.text, #text, p{  
    color:rgb(72, 110, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(72, 110, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 110, 255) }
```

Border

The CSS property to change the border of an element to YUV 115.1680, 68.9372, -37.8583 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(72, 110, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(72, 110, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(72, 110, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 110, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 110, 255);  
box-shadow:4px 4px 4px 4px rgb(72, 110,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 115.1680, 68.9372, -37.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 110, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(72, 110,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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